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Date of Deposit	7/16/03	Name of the Person Making the Deposit:	Patrick T. King	Signature of the Person Making the Deposit:	
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A circular stamp from the OIPE Patent & Trademark Office. The text "OIPE JC149" is curved along the top inner edge. The date "JUL 22 2003" is stamped in the center. The text "PATENT & TRADEMARK OFFICE" is curved along the bottom inner edge.

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JUL 25 2003
TECHNOLOGY CENTER 2800

1. ☒ Transmitted herewith is a response to an office action for the above identified patent application.


2. ☒ In an Office Action mailed on April 24, 2003 for the above-identified U.S. Patent Application,
a shortened statutory period of 3 Months was set for response. A response is due by July 24, 2003.

3. ☐ In accordance with 37 CFR § 1.136(a), Applicant hereby requests a month Extension of Time
so that the period for response expires on:

Fee Calculation (for a small entity)					
Fee Items	Claims Remaining After Amendment	# of Claims Previously Paid For	Present Extra Claims	Fee Rate	Total
Total Claims		- 20 =		x \$9.00	
Independent Claims		- 3 =		x \$39.00	
Multiple Dependent Claim Fee (one or more, first added by this amendment)				\$260.00	
Extension of Time (petition above):		1st Month \$55.00	2nd Month \$190.00	3rd Month \$435.00	
Total Fees					

☒ No additional fee is required.
☐ A check in the amount of is enclosed.

<input checked="" type="checkbox"/>	If any additional extension and/or fee is required, charge Account No. 11-0979
<input checked="" type="checkbox"/>	If any additional fee for claims is required, charge Account No. 11-0979


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[Amdmt. Transmittal]



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Patent
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**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

TECHNOLOGY CENTER 2800

Applicant: John M. Callahan
Serial No.: 10/014,928
Filed: December 11, 2001
For: DUAL DIE MEMORY

Docket No. NANO09DIV2
Group Art Unit: 2814
Examiner: Ha, Nathan W.

Amendment and Response under Rule 121

Assistant Commissioner for Patents
U.S. Patent and Trademark Office
P O Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated April 24, 2003, Applicant respectfully requests the Examiner to enter the following amendments to the claims and consider the following remarks under current Rule 121 amendment practice:

IN THE CLAIMS:

43. (Amended) A method of operating a dual-die, double-sized, back-to-back integrated-circuit chip assembly, comprising the steps of:

mounting a pair of integrated-circuit chips back-to-back, where each integrated-circuit chip has one or more pairs of reversible wire-bonding pads; and

electrically reversing internal connections to the wire-bonding-pads on one of the integrated-circuit chips so that pads on each integrated-circuit chip for similar functions are